

ACT LIFETIME CONTRIBUTION AWARD, 2001



ARTHUR FURST, PH.D., SC.D.

ACT LIFETIME CONTRIBUTION AWARD, 2001

Award Citation

The ACT Lifetime Contribution Award is given to Dr. Arthur Furst in salutation of his lifetime of dedication to the American College of Toxicology. Dr. Arthur Furst is a Distinguished University Professor Emeritus at The University of San Francisco. Dr. Furst has dedicated lifelong service to ACT in many capacities (founding member; First Secretary serving three terms; Councilor several terms; President, 1982-1983) including service on the Editorial Board of its Journal, *the Journal of the American College of Toxicology*, currently known as the *International Journal of Toxicology*, right from its inception. Dr. Furst has generously supported the ACT Best Poster Award program for the past fifteen years, enabling ACT to present the Arthur Furst Best Poster Award to an excelling student each year.

Dr. Furst has financed six separate endowments in support of education. These range from undergraduate student research (Undergraduate Award for outstanding Research at University of California, Los Angeles), Health Library (Stanford University, Florence Furst Memorial Fund), Faculty of Science Award for outstanding Research for Betterment of Humankind (University of San Francisco) to Award for Best Student Poster (American College of Toxicology).

Dr. Furst has enjoyed a very distinguished career in toxicology. He received his Ph.D. degree in Organic Chemistry from Stanford University (1948). In 1952 he was appointed Associate Professor of Pharmacology at Stanford University School of Medicine, and became the head of the cancer chemotherapy laboratories. He developed methods to evaluate how chemicals acted on transplanted tumors, which were later modified and adopted by NCI for evaluation of anticancer compounds. His discovery that cancer cells become resistant to cancer chemotherapeutics and other developmental work led to the strategy of multiple drug chemotherapy in combating drug-resistant cancers. In 1960, he organized and directed the Institute of Chemical Biology at the University of San Francisco. There he started a new program of Metal Carcinogenesis. He published extensively and later authored a book on Metal Carcinogenesis.

Dr. Furst has authored over 300 research publications, reviews and abstracts. He is a member of more than a dozen scientific societies. He has served on many distinguished committees. Only last year, he retired from a number of these Committees after many years of service; Science Advisory, American Council on Science and Health, Board of Directors, Academy of Toxicological Sciences, Scientific Advisory Board, GNLD International, Fremont, CA are some examples. He has received many accolades commending countless years of distinguished service in teaching, research, consultancy and service.

This "Lifetime Contribution Award" is given today to Dr. Arthur Furst in recognition of his dedicated lifetime of service to the American College of Toxicology.